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| INFORMA | TION DI | SCL (| SURF | Application Number | 10/587,744 |
| STATEMENT BY APPLICANT | | | | Filing Date | July 28, 2006 |
| SIATEME | NIBY | APPL | ICANT | First Named Inventor | Shunpei YAMAZAKI et al. |
| | | | | Art Unit | 2811 |
| (Use as many sheets as necessary) | | | } | Examiner Name | |
| Sheet | 1. | of | 4 | Attorney Docket Number | 0756-7782 |

| U. S. PATENT DOCUMENTS | | | | | | | | |
|------------------------|--|--|--------------------------------|--|---|--|--|--|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ^{2 (f known)} | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | | |
| | | US-5317236 | 05-31-1994 | ZAVRACKY.P et al. | rigures Appear | | | |
| | | US-5376561 | 12-27-1994 | VU.D et al. | | | | |
| | | US-5821138 | 10-13-1998 | YAMAZAKI.S et al. | | | | |
| | | US-5985740 | 11-16-1999 | YAMAZAKI.S et al. | | | | |
| | | US-5888858 | 03-30-1999 | YAMAZAKI.S et al. | | | | |
| | | US-5757456 | 05-26-1998 | YAMAZAKI.S et al. | | | | |
| | | US-5834327 | 11-10-1998 | YAMAZAKI.S et al. | | | | |
| | | US-6063654 | 05-16-2000 | OHTANI.H | | | | |
| | | US-6100562 | 08-08-2000 | YAMAZAKI.S et al. | | | | |
| | | US-6118502 | 09-12-2000 | YAMAZAKI.S et al. | | | | |
| | | US-6165824 | 12-26-2000 | TAKANO.T et al. | | | | |
| | | US-6043800 | 03-28-2000 | SPITZER.M et al. | | | | |
| | | US-5206749 | 04-27-1993 | ZAVRACKY.P et al. | | | | |
| | | US-6180439 | 01-30-2001 | YAMAZAKI.S et al. | | | | |
| | | US-6127199 | 10-03-2000 | INOUE.S et al. | , | | | |
| | | US-6348368 | 02-19-2002 | YAMAZAKI.S et al. | | | | |
| | · | US-6376333 | 04-23-2002 | YAMAZAKI.S et al. | | | | |
| | | US-6479333 | 11-12-2002 | TAKANO.T et al. | | | | |
| | | US-6465287 | 10-15-2002 | YAMAZAKI.S et al. | | | | |

| | FOREIGN PATENT DOCUMENTS | | | | | | | |
|-----------|--------------------------|---|------------------|-----------------------------|---|-------|--|--|
| Examiner | Cite | Foreign Patent Document | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where Relevant Passages or Relevant | | | |
| Initials* | No.1 | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | MM-DD-YYYY | Applicant of Cited Document | Figures Appear | _ ' | | |
| | | JP-08-096959 | 04-12-1996 | | | Abst. | | |
| | | JP-09-063770 | 03-07-1997 | | | Abst. | | |
| | | JP-2003-209073 | 07-25-2003 | | | Abst. | | |
| | | JP-07-030209 | 01-31-1995 | | | Abst. | | |
| | | | | | | | | |
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| Examiner | | Date | |
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| Signature | <u> </u> | Considered | |

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|------------------------------|-----------------------------------|---------|---------------|------------------------|-------------------------|
| INFORMATION DISCLOSURE | | | SURE | Application Number | 10/587,744 |
| | | | | Filing Date | July 28, 2006 |
| SIAIEME | STATEMENT BY APPLICANT | | | First Named Inventor | Shunpei YAMAZAKI et al. |
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| | U. S. PATENT DOCUMENTS | | | | | | | | |
|-----------------------|------------------------|---|-----------------------------|--|---|--|--|--|--|
| Examiner Initials* | Cite . No.1 | Document Number Number-Kind Code ^{2 (if known)} | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | | | |
| | | US-6700631 | 03-02-2004 | INOUE.S et al. | д- то үргээ | | | | |
| | | US-6627518 | 09-30-2003 | INOUE.S et al. | | | | | |
| | | US-5541399 | 07-30-1996 | DE VALL.F | | | | | |
| | | US-6821553 | 11-23-2004 | MIYASHITA.S et al. | | | | | |
| | | US-6781152 | 08-24-2004 | YAMAZAKI.S | | | | | |
| | | US-6521511 | 02-18-2003 | INOUE.S et al. | | | | | |
| | | US-6893503 | 05-17-2005 | OHNUMA.H et al. | | | | | |
| | | US-2005/0037529 | 02-17-2005 | NAGAO.R et al. | | | | | |
| | | US-2005/0042798 | 02-24-2005 | NAGAO.R et al. | | | | | |
| | | US-7045438 | 05-16-2006 | YAMAZAKI.S et al. | | | | | |
| | | US-6814832 | 11-09-2004 | UTSUNOMIYA.S | | | | | |
| | | US-7056381 | 06-06-2006 | YAMAZAKI.S et al. | | | | | |
| | | US-6858518 | 02-22-2005 | KONDO.T | · | | | | |
| | | US-2003/0006121 | 01-09-2003 | LEE.K et al. | | | | | |
| | | US-7122445 | 10-17-2006 | TAKAYAMA.T et al. | | | | | |
| | | US-7129145 | 10-31-2006 | KAWAMURA.S et al. | | | | | |
| | | US-7244662 | 07-17-2007 | KONDO.T | · | | | | |
| | | US-7091070 | 08-15-2006 | IMAI.K et al. | | | | | |
| | | US-6911358 | 06-28-2005 | AZAMI.M et al. | | | | | |

| | FOREIGN PATENT DOCUMENTS | | | | | | | | |
|---------------|--------------------------|---|--|---------------------|--|----|--|--|--|
| Examiner Cite | Cite | Foreign Patent Document | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where Relevant Passages or Relevant | т6 | | | |
| Initials* | Initials* No.1 | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | MM-DD-YYYY Applicant of Cited Document | | Figures Appear | 1* | | | |
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|---|---|----|-------|------------------------|-------------------------|--|--|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | CLIDE | Application Number | 10/587,744 | | |
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| | | | | Art Unit | 2811 | | |
| (Use as many sheets as necessary) | | |) | Examiner Name | | | |
| Sheet | 3 | of | 4 | Attorney Docket Number | 0756-7782 | | |

| | a: 1 | Document Number | U. S. PATENT DOCU | | Pages, Columns, Lines, Where |
|-----------------------|--------------------------|--|-----------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Number-Kind Code ^{2 (if known)} | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Relevant Passages or Relevant Figures Appear |
| | | US-2004/0016115 | 01-29-2004 | HASHIMOTO.T | |
| | | US-7159241 | 01-02-2007 | HORIGUCHI.A et al. | |
| | | US-2007/0166954 | 07-19-2007 | YAMAZAKI.S et al. | |
| | | US-6825072 | 11-30-2004 | YAMAZAKI.S et al. | |
| | | US-7166500 | 01-23-2007 | YAMAZAKI.S et al. | |
| | | US-7271076 | 09-18-2007 | YAMAZAKI.S et al. | |
| | | US-2008/0009125 | 01-10-2008 | YAMAZAKI.S et al. | |
| | | US-2007/0063057 | 03-22-2007 | MASUBUCHI.Y et al. | |
| | | US-2004/0026520 | 02-12-2004 | KAWAI.W et al. | |
| | | US-2005/0116048 | 06-02-2005 | SAUTER.D et al. | |
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| | FOREIGN PATENT DOCUMENTS | | | | | | | | | |
|---------------|--------------------------|---|---------------------|---|----------------|----------|--|--|--|--|
| Examiner Cite | Foreign Patent Document | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where Relevant Passages or Relevant | т6 | | | | | |
| Initials* | No.¹ | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | MM-DD-YYYY | Applicant of Cited Document | Figures Appear | <u> </u> | | | | |
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| Sheet | 4 | of | 4 | Attorney Docket Number | 0756-7782 | |

| NON PATENT LITERATURE DOCUMENTS | | | | | | | | |
|---------------------------------|--------------------------|---|-----|--|--|--|--|--|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | | | | |
| | | SHIMODA T et al., "SURFACE FREE TECHNOLOGY BY LASER ANNEALING (SUFTLA),", IEDM 99: TECHNICAL DIGEST OF INTERNATIONAL ELECTRON DEVICES MEETING, 1999, pp. 289-292. | | | | | | |
| | | 'INTERNATIONAL SEARCH REPORT (APPLICATION NO PCT/JP2004/018978) DATED MARCH 15, 2005,". | Eng | | | | | |
| | | "WRITTEN OPINION (APPLICATION NO PCT/JP2004/018978) DATED MARCH 15, 2005,". | Eng | | | | | |
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